

PTO/88/21 (08-00)

Approved for use through 10/31/2002. OMB 0651-0031
U.S. Patent and Trademark Office, U.S. DEPARTMENT OF COMMERCE

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TRANSMITTAL FORM <i>(to be used for all correspondence after initial filing)</i>	Application Number	10/063,822	
	Filing Date	05/16/2002	
	First Named Inventor	Shu-Wen Sung	
	Group Art Unit	2815	
	Examiner Name	NGUYEN, JOSEPH H	
Total Number of Pages in This Submission	9	Attorney Docket Number	KYCP0005USA

ENCLOSURES (check all that apply)		
<input checked="" type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input checked="" type="checkbox"/> Amendment / Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.62 or 1.63	<input type="checkbox"/> Assignment Papers (for an Application) <input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____	<input type="checkbox"/> After Allowance Communication to Group <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input type="checkbox"/> Other Enclosure(s) (please identify below):
Remarks		

FAX RECEIVED
FEB 27 2003
TECHNOLOGY CENTER 2800

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT	
Firm or Individual name	WINSTON HSU
Signature	<i>Winston Hsu</i>
Date	2/27/2003

CERTIFICATE OF MAILING		
I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, Washington, DC 20231 on this date: _____		
Typed or printed name	_____	
Signature	_____	Date _____

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PTO/SB/17 (01-03)

Approved for use through 04/30/2003. OMB 0881-0032
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FEE TRANSMITTAL
for FY 2003

Effective 01/01/2003. Patent fees are subject to annual revision.

☒ Applicant claims small entity status. See 37 CFR 1.27**TOTAL AMOUNT OF PAYMENT** (\$) 485.00**Complete If Known**

Application Number	10/063,822	FAX RECEIVED FEB 27 2003 TECHNOLOGY CENTER 2800
Filing Date	05/16/2002	
First Named Inventor	Shu-Wen Sung	
Examiner Name	NGUYEN, JOSEPH H.	
Art Unit	2815	
Attorney Docket No.	KYCP0005USA	

METHOD OF PAYMENT (check all that apply)☐ Check ☐ Credit card ☐ Money Order ☐ Other ☐ None☒ Deposit Account:

Deposit Account Number: 50-0801

Deposit Account Name: North America International Patent Office

The Commissioner is authorized to: (check all that apply)

☒ Charge fee(s) indicated below ☐ Credit any overpayments
☒ Charge any additional fee(s) during the pendency of this application
☐ Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.
FEE CALCULATION**1. BASIC FILING FEE**

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
1001 750	2001 375	Utility filing fee	
1002 330	2002 165	Design filing fee	
1003 620	2003 260	Plant filing fee	
1004 750	2004 375	Reissue filing fee	
1006 180	2006 80	Provisional filing fee	

SUBTOTAL (1) (\$) 0.00**2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE**

Total Claims	Extra Claims	Fee from below	Fee Paid
Independent Claims	-20** =	X	
Multiple Dependent Claims	-3** =	X	

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
1202 18	2202 9	Claims in excess of 20	
1201 84	2201 42	Independent claims in excess of 3	
1203 280	2203 140	Multiple dependent claims, if not paid	
1204 84	2204 42	** Reissue independent claims over original patent	
1205 18	2205 9	** Reissue claims in excess of 20 and over original patent	

SUBTOTAL (2) (\$) 0.00

**or number previously paid, if greater. For Reissues, see above

FEE CALCULATION (continued)**3. ADDITIONAL FEES**

Large Entity Small Entity

Fee Code (\$)	Fee Code (\$)	Fee Description	Fee Paid
1051 130	2051 66	Surcharge - late filing fee or oath	
1062 80	2052 26	Surcharge - late provisional filing fee or cover sheet	
1063 130	1053 130	Non-English specification	
1812 2,520	1812 2,520	For filing a request for ex parte reexamination	
1804 920*	1804 920*	Requesting publication of AIR prior to Examiner action	
1806 1,840*	1805 1,840*	Requesting publication of AIR after Examiner action	
1261 110	2261 55	Extension for reply within first month	
1262 410	2262 205	Extension for reply within second month	
1263 930	2263 465	Extension for reply within third month	485.00
1264 1,480	2264 725	Extension for reply within fourth month	
1265 1,970	2265 985	Extension for reply within fifth month	
1401 320	2401 160	Notice of Appeal	
1402 320	2402 160	Filing a brief in support of an appeal	
1403 280	2403 140	Request for oral hearing	
1451 1,610	1451 1,610	Petition to institute a public use proceeding	
1452 110	2452 55	Petition to revive - unavoidable	
1453 1,300	2453 650	Petition to revive - unintentional	
1601 1,300	2501 650	Utility issue fee (or reissue)	
1602 470	2502 235	Design issue fee	
1603 680	2503 315	Plant issue fee	
1480 130	1480 130	Petitions to the Commissioner	
1807 50	1807 50	Processing fee under 37 CFR 1.17(q)	
1808 180	1808 180	Submission of Information Disclosure Stmt	
8021 40	8021 40	Recording each patent assignment per property (Times number of properties)	
1809 750	2809 375	Filing a submission after final rejection (37 CFR 1.129(a))	
1810 750	2810 375	For each additional invention to be examined (37 CFR 1.129(b))	
1801 750	2801 375	Request for Continued Examination (RCE)	
1802 900	1802 900	Request for expedited examination of a design application	

Other fee (specify):

*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$) 465.00**SUBMITTED BY**

Name (Print/Type) Winston Hsu

Registration No. 41,526

Telephone 886289237390

Signature

Winston Hsu

Date

2/27/2003

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 36 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Washington, DC 20231.

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NORTH AMERICA INTERNATIONAL PATENT OFFICE

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FAX TO : NGUYEN, JOSEPH H

Art Unit : 2815

Tel: (703) 308-1269

Fax: (703) 872-9318

FROM : Winston Hsu , PATENT AGENT , REG. NO. : 41,526

SUBJECT : SERIAL NO. : 10/063,822

RESPONSE TO OFFICE ACTION DATED ON 09/03/2002

TOTAL PAGES : 11 PAGES (INCLUDING COVER PAGE)

The hardcopy of this response will be sent to USPTO by Federal Express right away.

Winston Hsu 2003/2/27

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PTO/SB/97 (09-00)
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Note: Each paper must have its own certificate of transmission, or this certificate must identify
each submitted paper.

APPLICATION NUMBER: 10/063,822
PAPERS INCLUDED:

(1) Transmittal Form	1 PAGE
(2) Fee Transmittal	1 PAGE
(3) Response to the Office Action	7 PAGES

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#46w/ct
V/m
3/8/03

PATENT**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicants: Shu-Wen SUNG, Chin-Fu KU, Chia-Cheng LIU,
Min-Hsun HSIEH, Chao-Nien HUANG

Examiner: NGUYEN, JOSEPH

Filing Date: 05/16/2002 Art Unit: 2815

Serial No.: 10/063,822 Docket No.: KYCP0005USA

Title: LIGHT EMITTING DIODE HAVING AN
INSULATING SUBSTRATE

To: Assistant Commissioner for Patents
Washington, D.C. 20231

Subject: Response to the Office action dated 09/03/2002

Dear Sir:

AMENDMENT

Please amend the above-identified application as follows:

In the claims:

- 25 1. (Amended) A light emitting diode comprising:
an insulating substrate;
a semiconductor stack positioned over the
insulating substrate, the semiconductor stack
comprising a first surface and a second surface, a
30 distance between the first surface and the insulating
substrate is greater than a distance between the second
surface and the insulating substrate;

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03/07/2003 DCA/FAI 00000004 500001 10063822
01 FC:2850 465.00 CH